A subclass with bi-univalence involving Horadam Polynomials and its coefficient bounds

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Abstract:

In this research contribution, we have constructed a subclass of analytic bi-univalent functions using Horadam polynomials. Bounds for certain coefficients and Fekete-Szegö inequalities have been estimated.

SAKAGUCHI TYPE FUNCTION DEFINED BY $(\mathfrak{p}, \mathfrak{q})$-FRACTIONAL OPERATOR USING LAGUERRE POLYNOMIALS

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Abstract: An introduction of a new subclass of bi-univalent functions involving Sakaguchi type functions defined by $(\mathfrak{p}, \mathfrak{q})$-fractional operators using Laguerre polynomials have been obtained. Further, the bounds for initial coefficients $|a_2|$, $|a_3|$ and Fekete Szegö inequality have been estimated.

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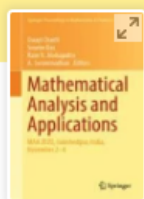
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On a New Subclass of Sakaguchi Type Functions Using (p, q)-Derivative Operator

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Abstract

The authors have introduced a new subclass of bi-univalent functions consisting of Sakaguchi type functions involving (p, q)-derivative operator. Further, the estimation of bounds for $|a_2|$ and $|a_3|$ has been obtained. The authors have stated a few examples in this paper.

NEUTROSOPHIC GENERALISED REGULAR* CLOSED SETS IN NEUTROSOPHIC TOPOLOGICAL SPACES

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Abstract

Exploring a new type of neutrosophic set in neutrosophic topology is the major aim of our research. In this paper, the concepts "Neutrosophic generalised regular star closed sets" and "Neutrosophic generalised regular star open sets" are newly defined and their properties and some interesting theorems are introduced. We have analyzed the relationships between this newly introduced sets and the already existing neutrosophic sets.

2-ODD LABELING OF SOME GRAPHS AND ITS JOINS

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Abstract

A graph G with p vertices and q edges is called a 2-Odd graph if the vertices of G can be labelled with integers (necessarily distinct) such that any two vertices that are adjacent will have their modulus difference of their labels as either exactly 2 or an odd integer. In this paper we study on comb graph $P_n \odot K_1$ and its M-joins, comb graph $P_n \odot K_2$ and its M-Joins, armed crown graph $C_3 \ominus P_n$ and its M-joins, human chain graph $HC_{n,3}(p, q)$ and proved that they are 2-odd graph and in further we study some characteristics of these graphs and their labelling schema.

1. Introduction

The study of labelling of vertices and edges of a finite graph plays a significant role and development of the subject graph theory. A dynamic study on different labelling techniques is discussed by J. A. Gallian [1]. In the study of labelling process prime distance graphs introduced by Eggleton, Erdos and Skilton in [2, 3] looks more significant which states that for any set D of positive integers the distance graph $Z(D)$ as the graph with vertex set Z and an edge between integers x and y if an only if $|x - y| \in D$. The prime distance graph $Z(P)$ is the distance graph with $D = P$, the set of all

HYPERLINK INDUCED TOPIC SEARCH MODEL TOGETHER WITH AUTOMATIC FEATURE REVIEW FOR SMARTPHONE APPLICATIONS

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Running Title: HITS based Feature review for smartphone applications

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DESIGN ENGINEERING

Efficient Tumor Segmentation in Liver using Spatial Fuzzy C Means Clustering with Enhanced MUMFORDSHAH Approach

R. Frizilin, Dr. A. Muthukumaravel

🔒 PDF

ABSTRACT

Liver tumor is an abnormal growth of tissues which develops in the liver with a growing morbidity rate. To maximize the rate of survival, early detection and effective treatment are vital in which medical imaging tools can assist tremendously. Computed Tomography (CT) is one of several imaging techniques used to detect hepatic illness since it may offer relatively high-resolution pictures with exact anatomical details. Analyzing huge number of CT scans, on the other hand, is a massive undertaking for radiologists. Due to the necessity for precise and efficient

EFFECT OF GREEN HRM PRACTICES ON EMPLOYEES WORKPLACE

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ABSTRACT

Green HRM is defined as an environment friendly HR practice that contributes to the sustainable usage of resources in the industrial sectors all over the sphere. The perception has primarily attracted conceptualization attention, rather than any extensive empirical attention. However, it has begun to gain traction and increased academic interest within the management field, because of its potential contribution to improving corporate environmental performance, and its implicit influence over employee workplace behaviors. The objective of the study is to determine the level of satisfaction with reference to gender and to analysis relationship between overall Satisfaction level with E-Payroll System and E-Attendance. Convenient sampling and snow bowling technique were used as sampling technique. Since the research study focuses on satisfaction of the employees on green HRM practices of both men and women. The findings of the study appear to suggest organizations across the globe are absorbing Green HRM as a proactive step towards protecting the environment. So in this paper, researcher have made an attempt to encourage the importance of Green HRM in polluting industries and to study the latest environmental friendly solutions to keep on Green in the Human Resource Function.

KEY WORDS: Green HRM, employee satisfaction

A STUDY OF JOB SATISFACTION AND ITS EFFECT ON THE PERFORMANCE OF EMPLOYEES WORKING IN PRIVATE SECTOR ORGANIZATIONS

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Abstract

Job is one of the important elements of people's life. Their living style and their social lives depend on their jobs. Therefore, it is necessary for every organization to have satisfied workforce. Nowadays, private sector plays significant role in uplifting the economy in Tamil nadu. They are not only providing good services but are also providing job opportunities to a large group of people. Keeping in view the contribution of private sector in the society and the significant role of job satisfaction in order to improve the employees' performance, the aim of the present study is to know the job satisfaction of employees and its relationship with the performance level. There is a general understanding that the overall productivity and success of an organization depends on the effective and efficient performance of employees and that better performance depends on the employees' job satisfaction. For that purpose, researchers have identified various aspects of job satisfaction, its relative importance, and its relationship with performance and productivity. Job satisfaction is the positive and negative feelings of an employee towards his job or it is the amount of happiness connected with the job. Therefore, job satisfaction is one of the most widely spread researched topics in the field of organizational psychology. According to Locke, job satisfaction is the positive and enjoyable feeling that results from the evaluation of one's job or job experience.

Keywords: job satisfaction, performance level, working conditions, motivation policy

Dr.S.Sweety Regina Mary – Assistant Professor
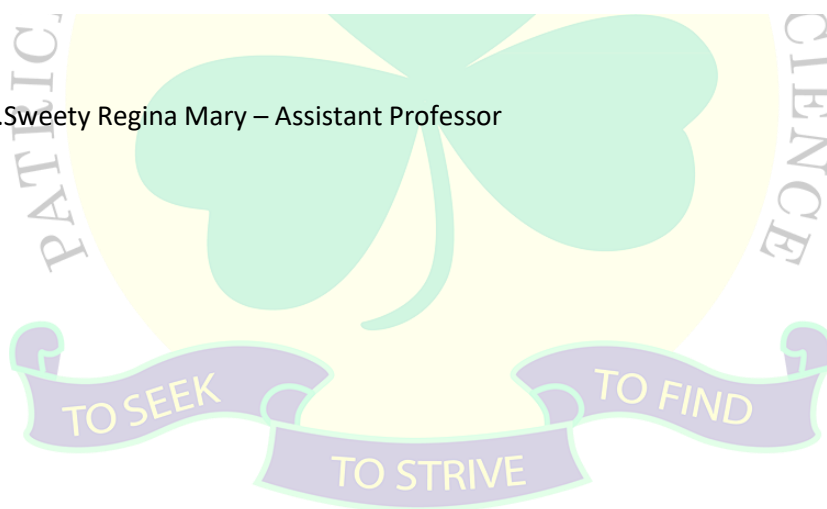
A Study on Preference on ordering Online Food during Lockdown in Chennai City

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Abstract

...e Pandemic situation due to Covid -19, have made people to stay at home, it has created a urge in the